## National Transportation Safety Board NTSB ID: WAS05WA001 Aircraft Registration Number: 5H-AXL FACTUAL REPORT Occurrence Date: 10/19/2004 Most Critical Injury: None Occurrence Type: Accident Investigated By: ETYBO Location/Time Nearest City/Place State Zip Code Local Time Time Zone 0730 Loiborsoit Distance From Landing Facility: Direction From Airport: Airport Proximity: Aircraft Information Summary Aircraft Manufacturer Model/Series Type of Aircraft Cessna 208B Airplane

## Narrative

Sightseeing Flight: No

Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:

On October 25, 2004, about 0730 hours, Tanzanian registration 5H-AXL, a Cessna 208B airplane, a charter flight, lost engine power during cruise flight and collided with the ground during the forced landing at Loiborsoit Village, in the Simanjiro District of Arusha, Tanzania. The pilot and nine passengers were not injured. The aircraft was substantially damaged. There was no fire. The flight originated at Arusha and destined for Ruaha, Tanzania.

Air Medical Transport Flight: No

Shortly after the flight reach a cruise altitude of 12,500 feet msl, the pilot reported he heard a loud bang and thereafter he experienced a total loss of engine power. The pilot immediately switched on the ignition, but the engine did not restart. He set the power level to IDLE, at the same time checking the Ng which read 0%. Attempts to restart the engine were unsuccessful. A forced landing was made into a field where the nose gear collapsed.

The Pratt & Whitney PT6A-114A engine, serial no. PCE 19279, had 2400 hours since overhaul, accrued 6750 hours since new, and had a total of 7800 cycles. The engine had accumulated 4339.7 hours and 4762 cycle since it was last overhauled in September 2002.

The investigation is under the jurisdiction of the Republic of Tanzania, Accident Investigation Branch. The US Accredited Representative is Dennis Jones, National Transportation Safety Board, Washington, D.C. telephone 202-314-6321.

National Transportation Safety Board
FACTUAL REPORT
AVIATION

NTSB ID: WAS05WA001

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AVIATION			Occurrence Type: Accident										
Landing Facility/Approach Information													
			Airport ID:	: A	irport Elevati Ft.	ion Runway Used F			Runwa	Runway Length		Runv	vay Width
Runway Surface Type:		•		·									
Runway Surface Condition:													
Type Instrument Approach:													
VFR Approach/Landing:													
Aircraft Information													
Aircraft Manufacturer Cessna			Mod 208	lel/Sei BB	ries					Serial	l Number		
Airworthiness Certificate(s):													
Landing Gear Type:													
T T				Certified Max Gross Wt.				LBS Numbe			er of Engines:		
Engine Type:				Engine Manufacturer: Model/Series:						Rated Power:			d Power:
- Aircraft Inspection Information													
Type of Last Inspection Da			Date of L	Date of Last Inspection Time Since					ce Last Inspection Ai			frame Total Time Hours	
- Emergency Locator Transmitter (	ELT) Information												
ELT Installed? ELT Operated?					ELT Aided in Locating Accident Site?								
Owner/Operator Information													
Registered Aircraft Owner				Street Address									
	City	City State								te	Zip Code		
Operator of Aircraft	Street Address												
				City								te	Zip Code
Operator Does Business As:  Operator Designator Code:													
- Type of U.S. Certificate(s) Held: I	None												
Air Carrier Operating Certificate(s)	:												
Operating Certificate:					Operator C	ertific	ate:						
Regulation Flight Conducted Unde	r: Non-U.S., Com	mercial											
Type of Flight Operation Conducted	d:												
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AVIATION Occurrence	Occurrence Type: Accident									
First Pilot Information										
Name		City	ry			State	e Da	ate of Birth	Age	
Sex: Seat Occupied: Principal Profess				Cei	rtificate	Numbe	r:			
Certificate(s):										
Airplane Rating(s):										
Rotorcraft/Glider/LTA:										
Instrument Rating(s):										
Instructor Rating(s):										
Type Rating/Endorsement for Accident/Incident Aircraft?  Current Biennial Flight Review?										
Medical Cert.: Medical Cert. Status:				Date of La	ast Me	dical Exa	ım:			
•										
- Flight Time Matrix  All A/C  This Make and Model  Airplane Single Engine			Ac	Instru	Instrument simulated		Rotorcraft	Glider	Lighter Than Air	
Total Time										
Pilot In Command(PIC)										
Instructor		1				_				
Last 90 Days		-				_				
Last 30 Days		1				+				
Last 24 Hours				. Dawfau			l <sub>0</sub>	and Dileto		
Seatbelt Used? Shoulder Harness Used?		10)	ricology	Periori	nea?		Sec	ond Pilot?		
Flight Plan/Itinerary										
Type of Flight Plan Filed:										
Departure Point	Sta	ate Airport Identifier Departure Time			re Time	Time Zone				
Destination	Sta	State Airport Identifier								
Type of Clearance:										
Type of Airspace:										
Weather Information										
Source of Briefing:										
Method of Briefing:										

## National Transportation Safety Board FACTUAL REPORT AVIATION

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Occurrence Type: Accident

	Occurrenc	Occurrence Type: Accident									
Weather Information											
WOF ID	Observation Time	Time Zone	WOF Elevati	on	WOF Di	OF Distance From Accident Site			Direction From Accident Site		
			_	. MSL			NM		Dan Man		
			Ft.	IVISL					Deg. Mag.		
Sky/Lowes	st Cloud Condition:					Ft. AGL	. Condition of	of Light:			
Lowest Ceiling:				Ft. AGL Visibility:			SM	SM Altimeter:			
Temperatu	ure: °C	°C	Wind	Direction:			De	Density Altitude: Ft.			
Wind Spee	ed:	Gusts:		Weather Condtions at Accident Site: Visual Conditions							
Visibility (F	RVR): Ft.	. Visibility (R'	VV)	SM	Intensity of Precipitation:						
Restriction	ns to Visibility:	•									
Type of Pr	ecipitation:										
Accident Information											
Aircraft Da	mage:		Aircraft Fire	e:	Aircraft Expl				plosion		
Classificati	ion:										
- Injury Su	mmary Matrix	Fatal Se	rious Mino	or	None	TOTAL					
First Pi	ilot				1	1					
Second	d Pilot										
Studen	nt Pilot										
Flight I	nstructor										
Check	Pilot										
Flight E	Engineer										
Cabin /	Attendants										
Other (	Crew										
Passer	ngers				9	9					
- TOTAL A	TAL ABOARD - 10 10										
Other Ground											
- GRAND	D TOTAL -			10	10						

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Transportation Safety Board		
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Administrative Information		
Investigator-In-Charge (IIC) Dennis L. Jones		
Additional Persons Participating in This Accident/Incid	lent Investigation:	